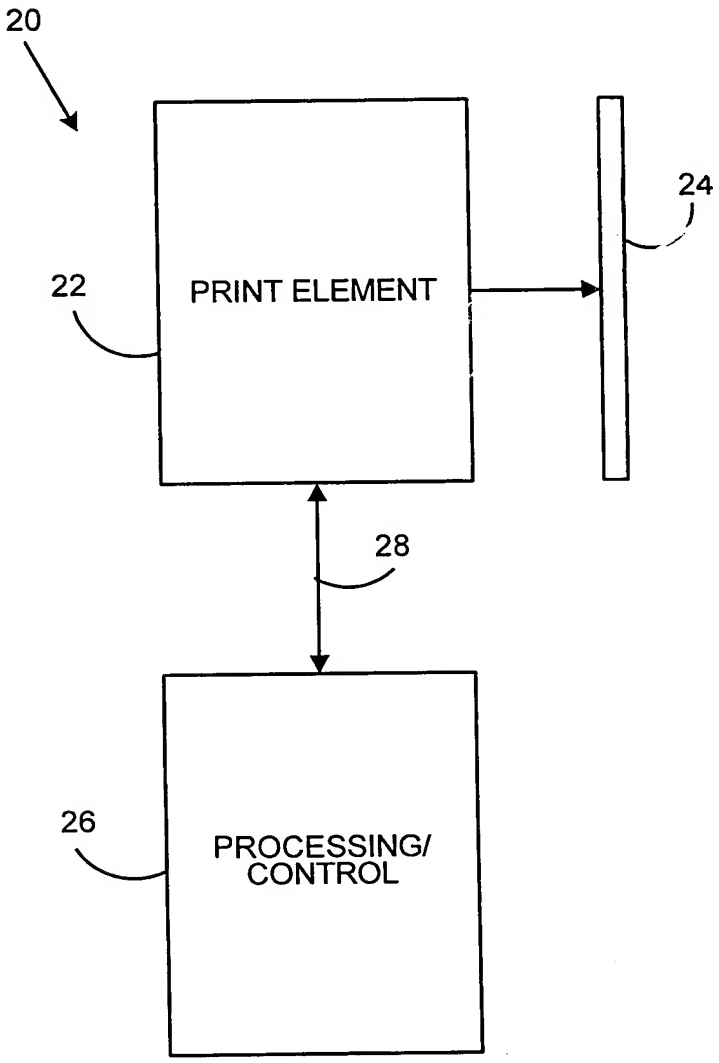


FIG. 1

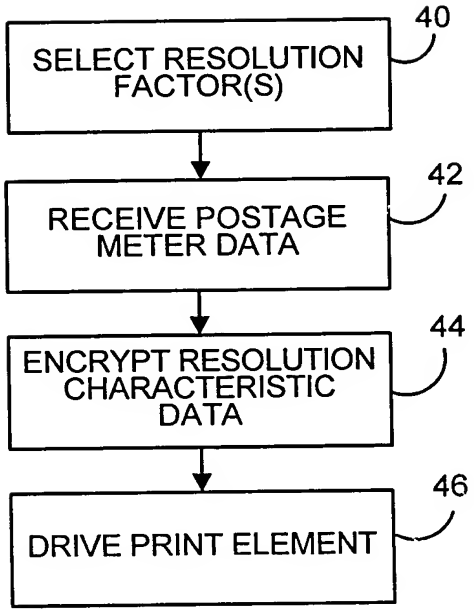

SELECT RESOLUTION FACTOR(S)
40
RECEIVE POSTAGE METER DATA
42
ENCRYPT RESOLUTION CHARACTERISTIC DATA
44
DRIVE PRINT ELEMENT
46

FIG. 2

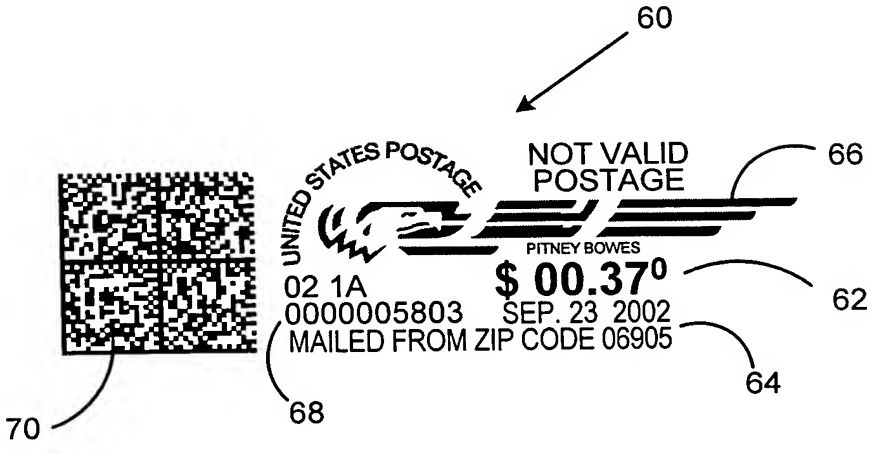
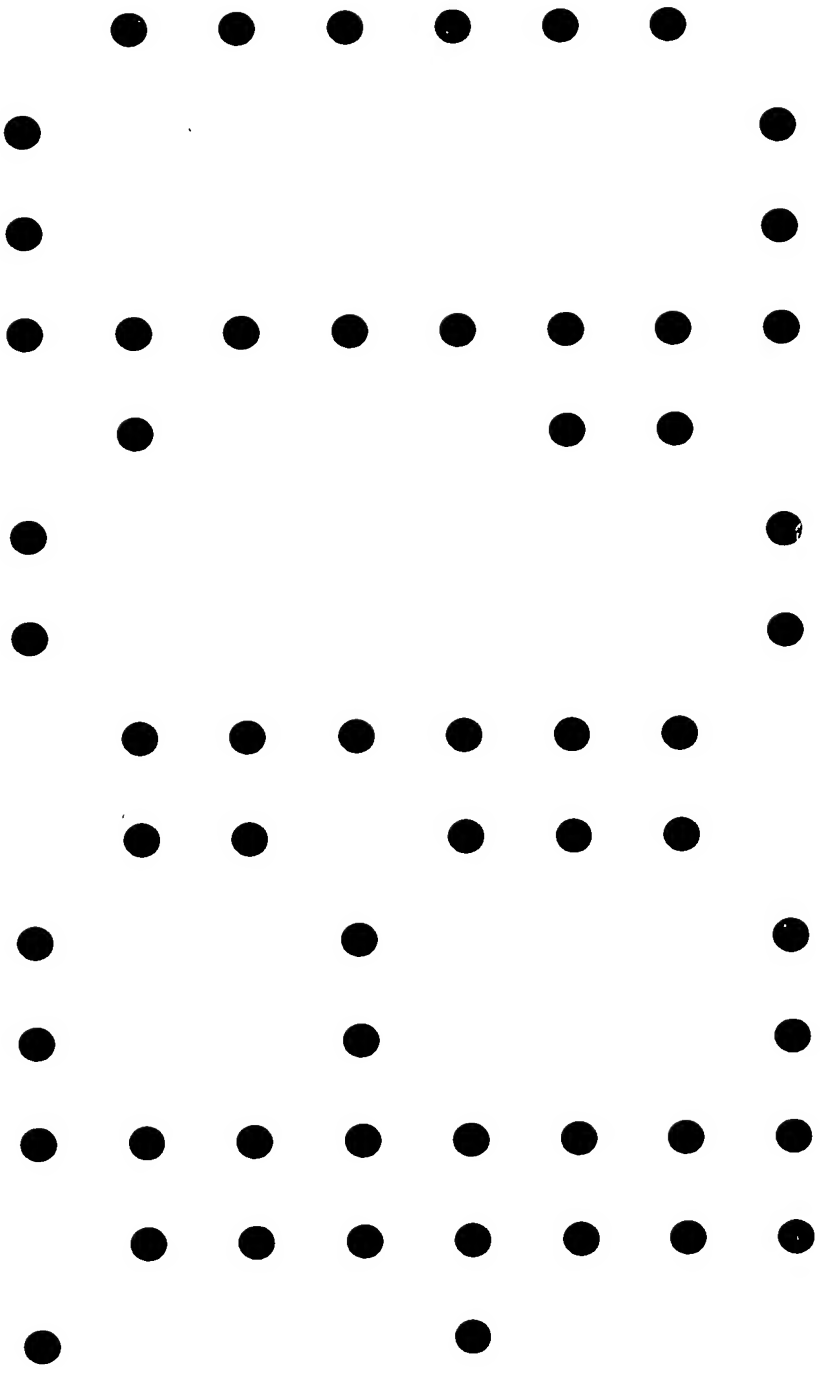
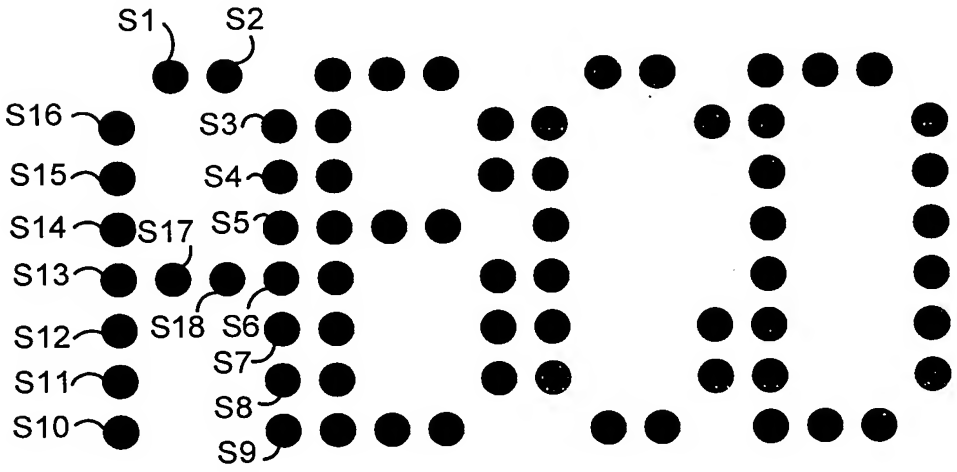

60
UNITED STATES POSTAGE
NOT VALID POSTAGE
66
PITNEY BOWES
02 1A
$ 00.37⁰
62
0000005803
SEP. 23 2002
MAILED FROM ZIP CODE 06905
64
68
70

FIG. 3



SOURCE IMAGE BIT MAP = PRINTED IMAGE

FIG. 4



SOURCE IMAGE BIT MAP (S)

FIG. 5

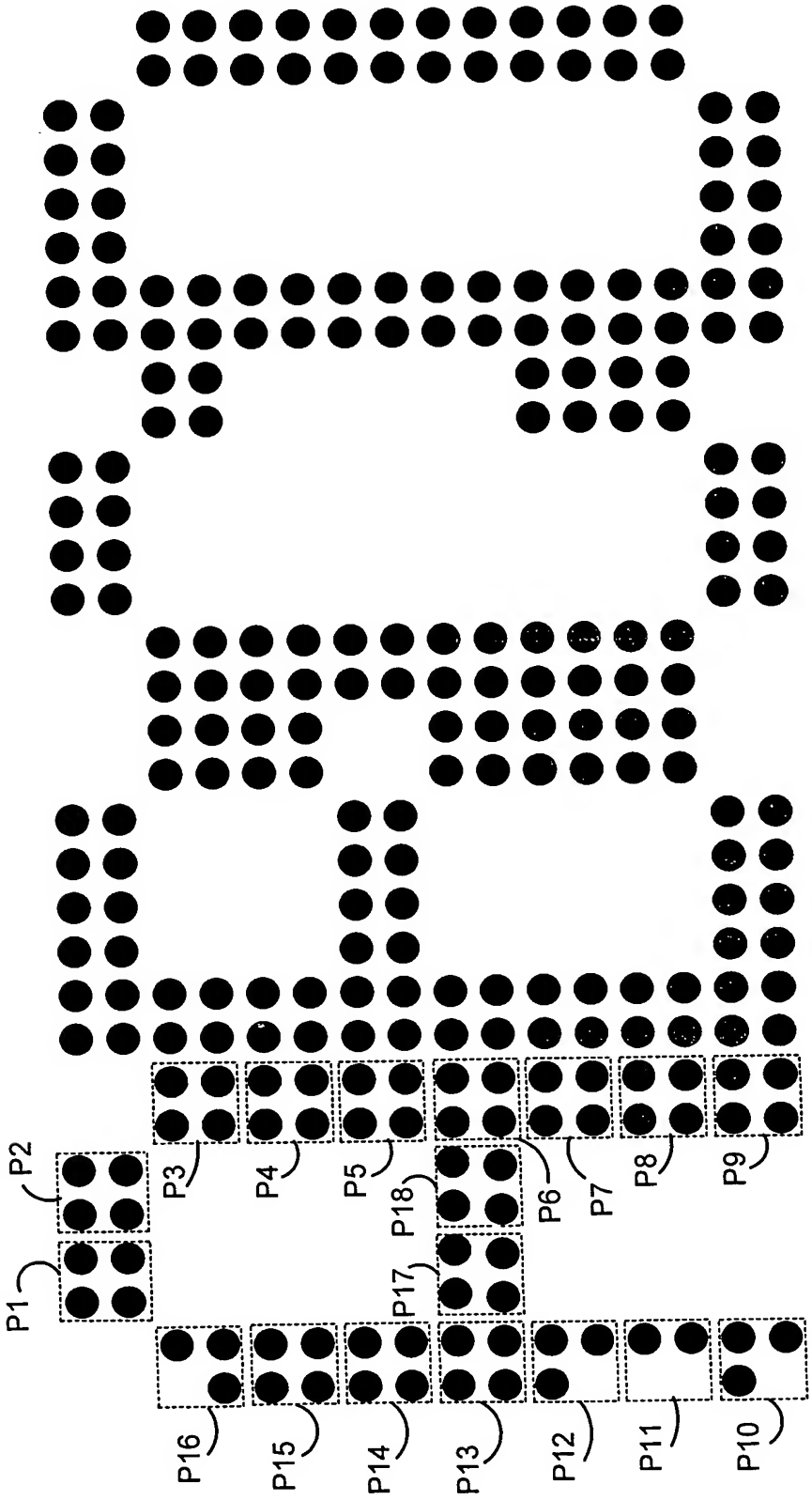
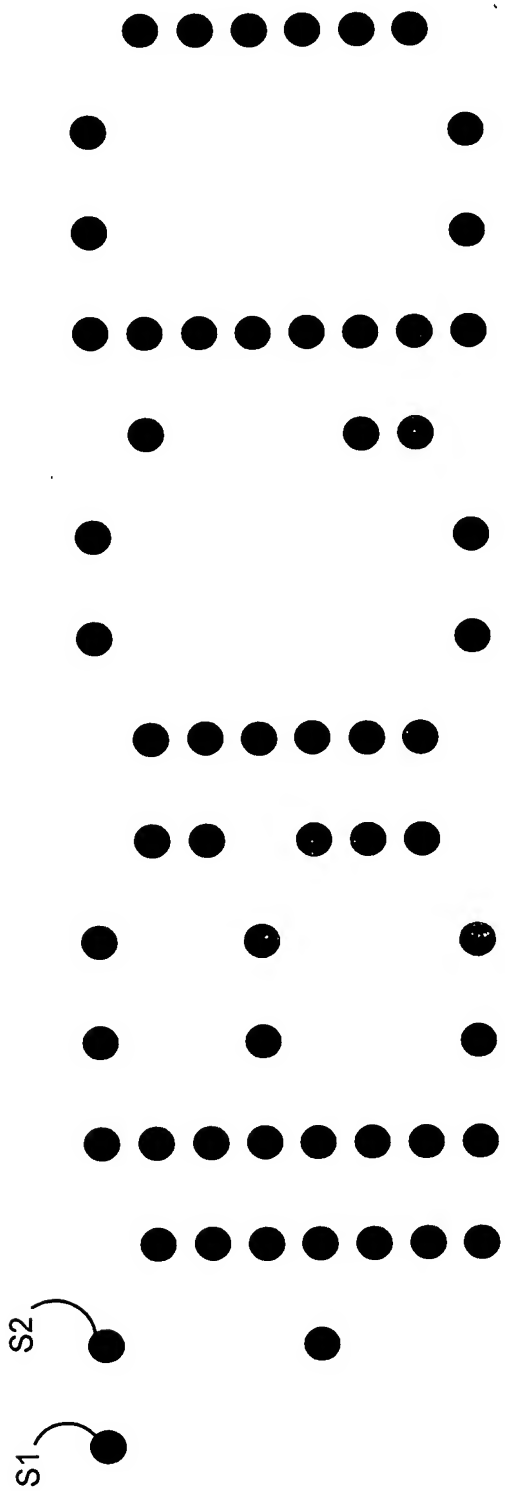
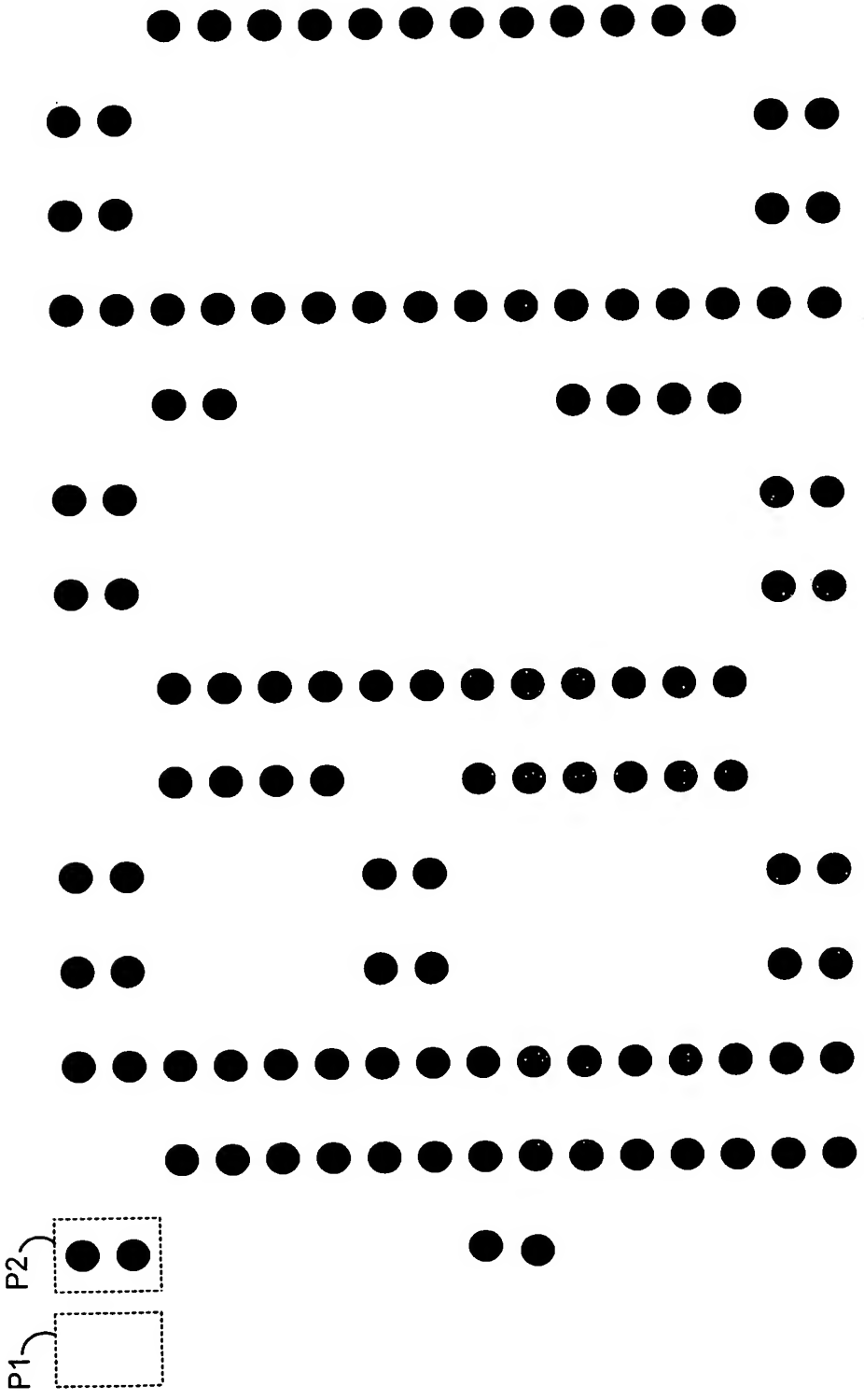

P1
P2
P3
P4
P5
P6
P7
P8
P9
P10
P11
P12
P13
P14
P15
P16
P17
P18
PRINTED IMAGE (P) H2V2 RESOLUTION

FIG. 6



SOURCE IMAGE BIT MAP

FIG. 7



PRINTED IMAGE H1V2 RESOLUTION

FIG. 8

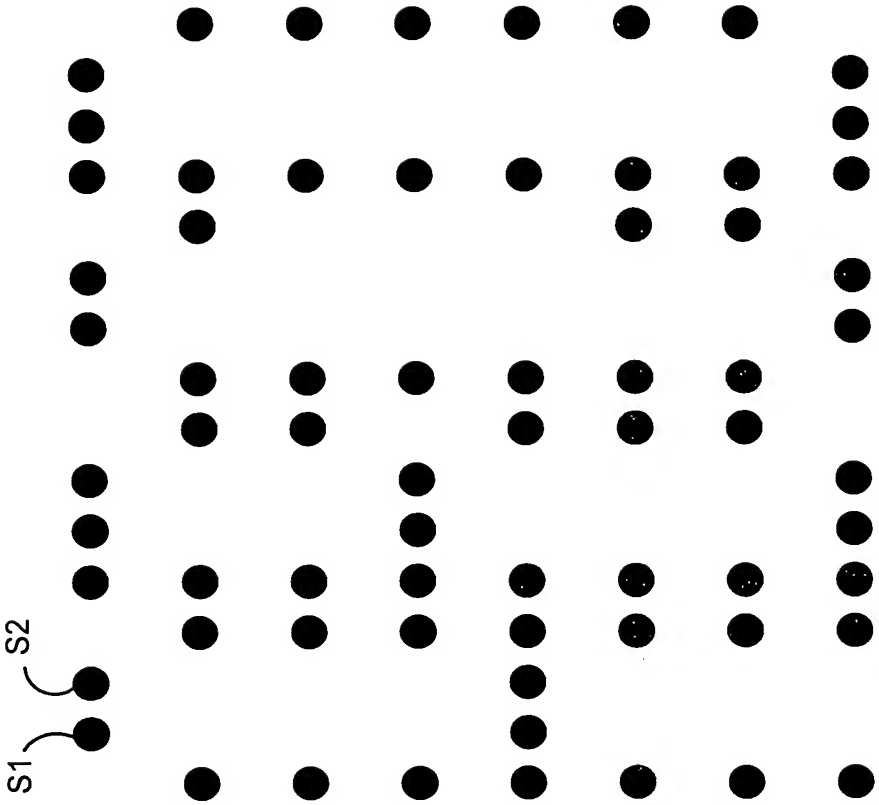


FIG. 9

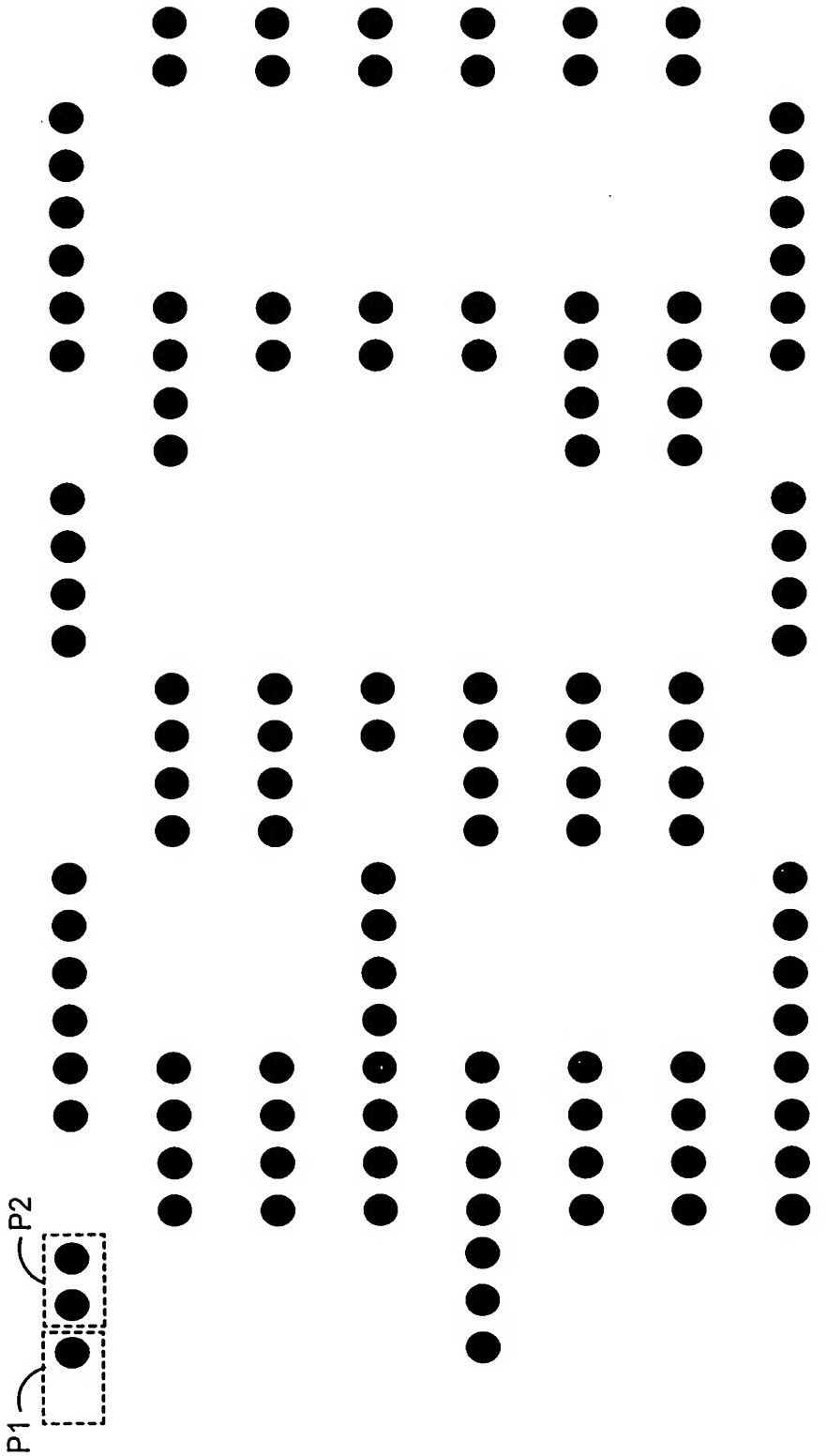


FIG. 10

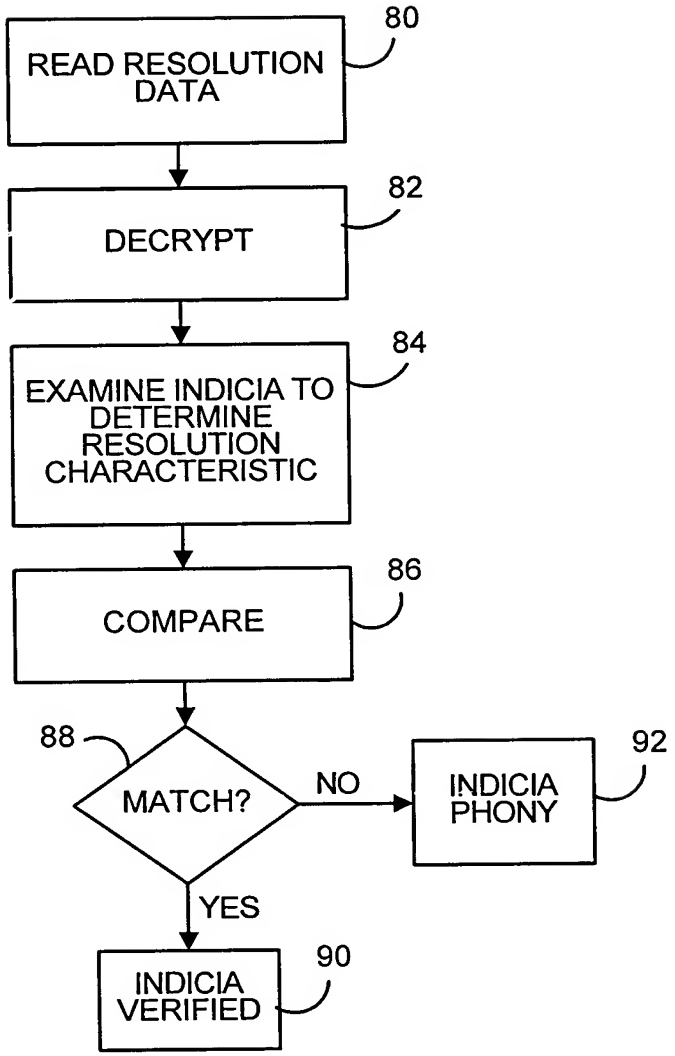

READ RESOLUTION DATA
80
DECRYPT
82
EXAMINE INDICIA TO DETERMINE RESOLUTION CHARACTERISTIC
84
COMPARE
86
88
MATCH?
NO
INDICIA PHONY
92
YES
INDICIA VERIFIED
90

FIG. 11